

Small Arms Manufacturing: 2002

Issued September 2004

EC02-311-332994

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	7
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
332994, Small arms manufacturing 2002..	177	184	9 978	399 146	7 588	15 279	239 149	1 115 614	446 431	1 574 170	60 164
2001..	N	N	9 413	314 053	6 950	13 107	192 878	975 694	421 577	1 384 581	21 679
2000..	N	N	9 755	331 957	7 350	13 690	208 131	956 084	445 617	1 371 300	34 179
1999..	N	N	9 826	325 358	7 371	13 874	202 339	925 923	422 963	1 356 265	25 861
1998..	N	N	9 616	321 025	7 155	14 042	198 231	855 183	395 624	1 249 508	33 333
1997..	189	196	9 841	319 663	7 451	13 966	200 190	860 866	369 988	1 248 048	32 620

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332994, Small arms manufacturing												
United States	1	184	56	9 978	399 146	7 588	15 279	239 149	1 115 614	446 431	1 574 170	60 164
Arizona	2	8	3	320	10 556	242	514	7 645	38 413	14 204	52 208	1 245
California	—	12	3	294	8 736	255	564	6 742	21 242	8 816	29 306	324
Connecticut	—	10	6	1 365	55 614	1 032	2 150	36 836	129 154	75 443	202 366	9 596
Kentucky	7	4	2	138	3 636	117	232	2 620	19 551	7 368	28 801	1 052
Massachusetts	—	4	3	1 077	39 975	717	1 381	21 439	77 320	48 772	127 484	5 765
New Hampshire	—	4	4	1 446	47 104	1 289	2 257	36 451	167 661	57 080	218 324	5 426
New York	—	7	4	1 424	51 868	1 222	2 282	40 781	190 613	58 256	245 487	5 902
Pennsylvania	1	12	3	234	6 733	201	438	5 229	11 857	3 416	15 561	754
Texas	6	16	4	245	9 104	180	379	6 079	25 080	9 104	34 119	1 370
Wisconsin	1	8	2	117	3 205	96	220	2 331	9 250	2 804	11 761	363

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332994, Small arms manufacturing	
Companies ¹	number.. 177
All establishments ²	number.. 184
Establishments with 1 to 19 employees	number.. 128
Establishments with 20 to 99 employees	number.. 37
Establishments with 100 employees or more	number.. 19
All employees ³	number.. 9 978
Total compensation	\$1,000.. 503 717
Annual payroll	\$1,000.. 399 146
Total fringe benefits	\$1,000.. 104 571
Production workers, average for year	number.. 7 588
Production workers on March 12	number.. 7 155
Production workers on May 12	number.. 7 285
Production workers on August 12	number.. 7 992
Production workers on November 12	number.. 7 895
Production worker hours	1,000.. 15 279
Production worker wages	\$1,000.. 239 149
Total cost of materials	\$1,000.. 446 431
Materials, parts, containers, packaging, etc., used	\$1,000.. 321 646
Resales	\$1,000.. 56 118
Purchased fuels	\$1,000.. 4 174
Purchased electricity	\$1,000.. 14 904
Contract work	\$1,000.. 49 589
Quantity of electricity purchased for heat and power	1,000 kWh.. 180 617
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 1 574 170
Primary products value of shipments	\$1,000.. 1 426 672
Secondary products value of shipments	\$1,000.. 69 376
Total miscellaneous receipts	\$1,000.. 78 122
Value of resales	\$1,000.. 71 996
Contract receipts	\$1,000.. 913
Other miscellaneous receipts	\$1,000.. 5 213
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 1 532 730
Value of primary products shipments made in this industry	\$1,000.. 1 426 672
Value of primary products shipments made in other industries	\$1,000.. 106 058
Coverage ratio	percent.. 93
Value added	\$1,000.. 1 115 614
Total inventories, beginning of year	\$1,000.. 408 183
Finished goods inventories	\$1,000.. 144 991
Work-in-process inventories	\$1,000.. 120 771
Materials and supplies inventories	\$1,000.. 142 421
Total inventories, end of year	\$1,000.. 441 322
Finished goods inventories	\$1,000.. 129 851
Work-in-process inventories	\$1,000.. 123 786
Materials and supplies inventories	\$1,000.. 187 685
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 783 128
Total capital expenditures (new and used)	\$1,000.. 60 164
Buildings and other structures (new and used)	\$1,000.. 17 653
Machinery and equipment (new and used)	\$1,000.. 42 511
Automobiles, trucks, etc., for highway use	\$1,000.. 1 822
Computers and peripheral data processing equipment	\$1,000.. 5 228
All other expenditures for machinery and equipment	\$1,000.. 35 461
Total retirements	\$1,000.. 23 882
Gross value of depreciable assets at end of year	\$1,000.. 819 410
Depreciation charges during year	\$1,000.. 38 167
Total rental payments	\$1,000.. 16 988
Buildings and other structures	\$1,000.. 11 084
Machinery and equipment	\$1,000.. 5 904
Total other expenses ⁴	\$1,000.. 132 478
Response coverage ratio ⁵	percent.. 848
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 5 730
Communications services ⁴	\$1,000.. 2 364
Legal services ⁴	\$1,000.. 4 654
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 240
Advertising and promotional services ⁴	\$1,000.. 21 593
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 13 605
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 762
Management consulting and administrative services ⁴	\$1,000.. 9 705
Taxes and license fees ⁴	\$1,000.. 13 563
All other expenses ⁴	\$1,000.. 57 262

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332994, Small arms manufacturing											
All establishments	1	184	9 978	399 146	7 588	15 279	239 149	1 115 614	446 431	1 574 170	60 164
Establishments with—											
1 to 4 employees	9	84	170	5 869	130	237	3 905	17 463	6 730	24 194	1 165
5 to 9 employees	8	20	132	4 760	103	193	3 206	14 225	5 036	19 258	842
10 to 19 employees	4	24	316	10 101	243	461	7 054	31 499	11 620	42 883	4 550
20 to 49 employees	1	21	662	19 193	511	1 039	13 020	54 729	24 402	78 380	3 561
50 to 99 employees	2	16	1 119	33 951	910	1 895	24 125	111 688	41 232	153 408	5 827
100 to 249 employees	1	8	1 148	42 255	871	1 836	27 287	178 366	75 528	249 992	8 523
250 to 499 employees	—	7	2 288	80 160	1 743	3 242	50 035	231 304	152 495	407 973	9 730
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	93	317	11 357	248	469	7 708	34 065	13 615	47 679	2 322

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
332994	Small arms manufacturing	184	9 978	399 146	7 588	15 279	239 149	1 115 614	446 431	1 574 170	60 164
3329941	Machine guns (30 mm or less, 1.18 in. or less)	2	g	D	D	D	D	D	D	D	D
3329944	Small arms (30 mm or less, 1.18 in. or less)	66	i	D	D	D	D	D	D	D	D

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332994	Small arms manufacturing	2002.. N 1997.. N	X X	X X	1 532 730 1 172 618
3329941	Machine guns (30 mm or less, 1.18 in. or less)	2002.. N 1997.. N	X X	X X	D 109 852
33299411	Machine guns (30 mm or less, 1.18 in. or less)	2002.. N 1997.. N	X X	X X	D 109 852
3329941100	Machine guns (30 mm or less, 1.18 in. or less) mil units.	2002.. 4 1997.. 3	X X	D S	D 109 852
3329944	Small arms (30 mm or less, 1.18 in. or less)	2002.. N 1997.. N	X X	X X	D N
33299441	Centerfire pistols and revolvers	2002.. N 1997.. N	X X	X X	201 796 N
3329944101	Centerfire pistols and revolvers mil units.	2002.. 10 1997.. N	X X	S N	201 796 N
33299442	All other centerfire pistols and revolvers	2002.. N 1997.. N	X X	X X	D N
3329944206	All other centerfire pistols and revolvers mil units.	2002.. 9 1997.. N	X X	D N	D N
33299443	Rimfire pistols and revolvers	2002.. N 1997.. N	X X	X X	D N
3329944311	Rimfire pistols and revolvers mil units.	2002.. 6 1997.. N	X X	D N	D N
33299444	Rifles.....	2002.. N 1997.. N	X X	X X	421 208 N
3329944416	Centerfire semiautomatic rifles mil units.	2002.. 12 1997.. N	X X	S N	100 563 N
3329944421	Centerfire bolt repeater rifles mil units.	2002.. 6 1997.. N	X X	.4 N	148 890 N
3329944426	All other centerfire rifles mil units.	2002.. 13 1997.. N	X X	S N	138 196 N
3329944431	Rimfire rifles mil units.	2002.. 7 1997.. N	X X	S N	33 559 N
33299445	Single barrel shotguns and other small firearms, including parts and attachments for small firearms	2002.. N 1997.. N	X X	X X	517 068 N
3329944536	Single barrel shotguns..... mil units.	2002.. 7 1997.. N	X X	9.8 N	187 253 N
3329944541	Other small firearms (including double barrel shotguns, combination rifle-shotguns, and tranquilizer guns)	2002.. 24 1997.. N	X X	X X	179 940 N
3329944546	Parts and attachments for small firearms	2002.. 44 1997.. N	X X	X X	149 875 N
3329944Y	Small arms (30 mm or less, 1.18 in. or less), nsk	2002.. N 1997.. N	X X	X X	135 N
3329944YWV	Small arms (30 mm or less, 1.18 in. or less), nsk	2002.. N 1997.. N	X X	X X	135 N
332994W	Small arms manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	66 550 54 036
332994WY	Small arms manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	66 550 54 036
332994WYWW	Small arms manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	19 790 —
332994WYWY	Small arms manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	46 760 54 036

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329941	Machine guns (30 mm or less, 1.18 in. or less)	
	United States..... 2002..	D
	..... 1997..	109 852
3329944	Small arms (30 mm or less, 1.18 in. or less)	
	United States..... 2002..	D
	..... 1997..	N
	California..... 2002..	25 816
	..... 1997..	N
	Connecticut..... 2002..	193 970
	..... 1997..	N
	Massachusetts..... 2002..	110 603
	..... 1997..	N
	New Hampshire..... 2002..	192 660
	..... 1997..	N
	New York..... 2002..	227 154
	..... 1997..	N
	Pennsylvania..... 2002..	12 353
	..... 1997..	N
	Texas..... 2002..	26 883
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332994	Small arms manufacturing		
00900001	Total materials .....2002..	X	321 646
	.....1997..	X	301 028
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	12 647
	.....1997..	X	6 125
33200095	Other fabricated metal products (excluding castings and forgings) .....2002..	X	75 346
	.....1997..	X	64 100
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	34 059
	.....1997..	X	18 709
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished) .....2002..	X	6 175
	.....1997..	X	6 135
33152003	Other nonferrous metalcastings, rough and semifinished (excluding aluminum and aluminum-base alloy) .....2002..	X	6 515
	.....1997..	X	5 602
33211101	Iron and steel forgings .....2002..	X	13 826
	.....1997..	X	9 045
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	46 950
	.....1997..	X	51 590
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	D
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	3 907
	.....1997..	X	N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	N
32592011	Smokeless powder .....2002..	X	4
	.....1997..	X	D
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	216
	.....1997..	X	838
32500065	Other chemicals and allied products .....2002..	X	1 049
	.....1997..	X	1 148
32100019	Rough and dressed lumber .....2002..	X	12 207
	.....1997..	X	7 752
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	7 658
	.....1997..	X	9 158
32610011	Fabricated plastics products (excluding gaskets) .....2002..	X	15 140
	.....1997..	X	13 290
33351501	Machine tool accessories, including cutting tools .....2002..	X	10 195
	.....1997..	X	6 420
00190055	Electronic, hydraulic, and mechanical subassemblies .....2002..	X	D
	.....1997..	X	D
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	44 708
	.....1997..	X	50 725
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	26 581
	.....1997..	X	32 662

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.